

## ABSTRACT

A method of replacing gas in a fuel cell system is provided which comprises the steps of detecting  
5 that a fuel cartridge is connected to the fuel cell system having a fuel cell and supplying a fuel from the fuel cartridge on the basis of the detection to start replacement of gas in the fuel cell system. Thereby, a simple gas replacement method is provided  
10 which replaces gas other than the fuel, which has entered the fuel cell system that is supplied with the fuel from the fuel cartridge, with the fuel. Especially, a user does not have to perform gas replacement operation manually, but the gas  
15 replacement can automatically be performed.